IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

rst Named

For

nventor : Bruce F. Field et al.

Appln. No.: 10/749,129

Filed : December 30, 2003

: CLEANING LIQUID DISPENSING

SYSTEM

Docket No.: T31.12-0012

Group Art Unit: 1744

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, THIS

Z8 DAY OF JUNE, 2004.

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 10/653,347, filed on September 2, 2003. References listed on the enclosed PTO Form 1449 were submitted to and/or cited by the Office in the prior application and copies are therefore not required to be provided herewith under 37 C.F.R. § 1.98(d).

The information disclosure statement is being filed within the time periods set forth in 37 C.F.R. §1.97(b). Accordingly, no statement or fee is required.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

Bv:

Brian D. Kaul, Reg. No. 41,885 Suite 1600 - International Centre 900 Second Avenue South

Minneapolis, Minnesota 55402-3319

Phone: (612) 334-3222 Fax: (612) 334-3312

BDK/djb

		SHEEL I OF 3
FORM PTO-1449	Atty. Docket No.: T31.12-0012	Appl. No.: 10/749,129
PE LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor	::
DISCLOSURE STATEMENT	Bruce F. Field et al	L.
THE THE THAT THE THE	Filing Date	Group Art:
TENTE THADENE	December 30, 2003	1744

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Nan	ne	Class	Sub Class	Filing Date If Appropriate
AA	2,563,151	8/7/51	Bjorksten		134	111	
AB	2,731,659	12/8/52	Coplen		15	320	
AC	2,993,494	7/25/61	Svensson		134	169	
AD	3,037,887	5/4/59	Brenner et a	1.	134	22	
AE	3,078,190	2/19/63	Blaser et al	. •	134	10	
AF	3,162,427	12/7/61	Knudson et a	1.	259	4	
AG	3,212,762	5/23/60	Carroll et a	1.	261	124	
AH	3,231,134	8/13/62	Webster		222	1	
AI	3,392,418	7/16/68	Schowalter		15	320	
AJ	3,436,262	9/25/64	Crowe et al.		134	10	
AK	3,453,678	7/13/67	Gehman et al	• •	15	50	
AL	3,490,948	1/20/70	Farison		134	36	
AM	3,535,162	1/27/69	Bray et al.		134	42	
AN	3,549,420	11/9/67	Cunningham		134	22	
AO	3,655,096	4/11/72	Easter		222	82	
AP	3,676,889	7/18/72	Edlin		15	320	
AQ	3,761,987	10/2/73	Nayfa et al.		15	50	
AR	3,774,262	11/27/73	Anthony et al.		15	322	
AS	3,789,449	2/5/74	MacFarland et al.		15	4	
AT	3,823,727	7/16/74	Fry		137	88	
AU	3,931,662	1/13/76	Nayfa et al.		15	320	
AV	3,940,826	3/2/76	Phillips et	al.	15	320	
EXAMINER:				DATE CONSID	ERED:		

Sheet 2 of 5

ORM PTO-1449	Atty. Docket No.: T31.12-0012	Appl. No.: 10/749,129		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:			
	Bruce F. Field et al	L		
	Filing Date	Group Art:		
	December 30, 2003	1744		

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ва	4,000,536	1/4/77	Nayfa et al.	15	50	
ВВ	4,061,001	12/6/77	Von der Eltz et al.	68	200	
ВС	4,107,075	8/15/78	Kramer	252	359	
BD	4,133,773	1/9/79	Simmons	252	359	
BE	4,167,798	9/18/79	Kltigl et al.	15	320	
BF	4,167,799	9/18/79	Webb	15	320	
BG	4,191,590	3/4/80	Sundheim	134	21	
ВН	4,369,544	1/25/83	Parisi	15	320	
BI	4,419,141	12/6/83	Kunkel	134	22.12	
ВЈ	4,429,432	2/7/84	Copeland et al.	15	320	
вк	4,511,486	4/16/85	Shah	252	90	
BL	4,570,856	2/18/86	Groth et al.	239	310	
ВМ	4,595,420	6/17/86	Williams, III et al.	134	6	
BN	4,667,364	5/26/887	Meili	15	320	
во	4,676,287	6/30/87	Fitzwater	141	285	
BP	4,780,243	10/25/88	Edgley et al.	252	307	
BQ	4,849,027	7/18/89	Simmons	134	22.18	
BR	4,881,288	11/21/89	May et al.	15	98	
BS	4,974,618	12/4/90	Nysted	134	21	
вт	5,031,837	7/16/91	Hanish	239	267	
BU	5,060,342	10/29/91	Brazier	15	322	
BV	5,133,107	7/28/92	MacDonald	15	50.3	
EXAMINER:			DATE CONSI	DERED:		

Sheet 3 of 5

FORM PTO-1449	Atty. Docket No.: T31.12-0012	Appl. No.: 10/749,129			
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:				
	Bruce F. Field et al	•			
	Filing Date	Group Art:			
	December 30, 2003	1744			

U.S. PATENT DOCUMENTS

Examine Initia		Date	Na	me	Class	Sub Class	Filing Date If Appropriate
С	A 5,213,120	5/25/93	Dickson		134	102.1	
С	B 5,383,605	1/24/95	Teague		239	526	
С	C 5,462,607	10/31/95	Mestetsky e	t al.	134	22.12	
C	D 5,509,972	4/23/96	Akazawa et	al.	134	26	
C	E 5,593,091	1/14/97	Harris		239	127	
C	F 5,649,643	7/22/97	Ridgeway		222	105	
C	G 5,813,086	9/29/98	Ueno et al.		15	320	
C	H 5,853,814	12/29/98	Murphy		427	434.6	
C	I 5,871,152	2/16/99	Saney		239	8	
C	J 6,090,217	7/18/00	Kittle		134	11	
C	K 6,209,756	4/3/01	Van Der Heijden		222	105	1
C	L 6,276,613	8/21/01	Kramer		239	304	
C	M 6,418,586	7/16/02	Fulghum		15	320	
EXAMINER:				DATE CONSID	ERED:		•

					Atty. Docket No.: Appl. No.: 10/749,129				
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT					First Named Inventor:				
DISCHOSORE STRIEFENT			Bruce	F. Field	et al.				
				Filing	Date		Group Art:		
				Decemb	er 30, 2	003	1744		
		FOREIGN	PATENT DOCUMENT	rs		1. 11.11 13.22			
	Document No.	Date	Country		Class	Sub Class	Translation Yes No		
DA	DE 44 13 783 A1	3/2/95	Germany				х		
DB	EP 0 744 148 A2	11/27/96	EPO				х		
DC	EP 1 044 645 A2	10/18/00	EPO				х		
DD	WO 00/35333	6/22/00	PCT WIPO		•		х		
DE	WO 02/06435	1/24/02	WIPO						
DF	WO 02/05047	1/17/02	WIPO				X (Abstract)		
DG									
	OTHER ART (Includ	ing Author,	Title, Date, I	Pertiner	nt Pages	, Etc.)	10 10 10 10 10 10 10 10 10 10 10 10 10 1		
DH		International Search Report from International Application No. PCT/US 02/23758 filed July 26, 2002 (date of report November 14, 2002)							
DI	Discover Magazine, including cover, T	June 2002, able of Con	"Does the Univ	verse Ex es 26 an	ist if V d 27	We Don't	Observe It?",		
DJ									

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED:

EXAMINER:

Sheet 5 of 5

FORM PTO-1449						Atty. Docket No.: Appl. No.: 10/749,129				Appl. No.: 10/749,129	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT					First Named Inventor:						
					Br	uce	F. Fie	ld et al.			
					Fi	ling	Date	Group Art:			
							De	cemb	er 30,	2003	1744
				1	U.S. PA	TENT DOCUMENT	s				
Exami Init:		Document No.	Dat	.e		Name		С	lass	Sub Class	Filing Date If Appropriate
	AA										
	AB									_	
	AC				·						
	AD										
	AE										
				FC	REIGN	PATENT DOCUMEN	TS				
		Document	No.	D	ate	Countr	ntry Class Class				Translation Yes No
	AF										
	AG										
	AH										·
		OTHER ART (Includ	ing A	uthor,	Title, Date,	Pert	iner	nt Page	s, Etc.)	
	AI	U.S. Patent	Applica	ation	Seria	l No. 10/143,5	82 f	iled	d May 9	, 2002	
	AJ	U.S. Patent	Applica	ation	Seria	l No. 10/026,4	11 f	iled	d Decem	ber 21, 2	001
	AK	U.S. Patent	Applica	ation	Seria	l No. 10/152,5	37 f	iled	d May 2	1, 2002	
	AL	U.S. Patent	Applica	ation	Seria	l No. 10/152,5	549 f	iled	d May 2	1, 2002	
	AM	U.S. Patent	Applica	ation	Seria	l No. 10/213,8	349 f	iled	d Augus	t 7, 2002	
	AN	U.S. Patent	Applica	ation	Seria.	l No. 10/328,	16 f	iled	d Decem	ber 23, 2	002
	AO										
	AP				· -						
EXAMIN	ER:					DATE C	ONSI	DERE	D:		